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Sequence 4, Appli
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(cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

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(cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*

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(cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*

(cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
                                        GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd
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US-09-042-785A-2
US-09-042-785A-4
US-09-527-236A-19
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US-09-042-785A-30
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US-09-006-353A-4
US-08-476-862-2
US-09-573-986-4
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US-09-527-236A-21
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US-08-650-000-2
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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3456
1 MGTSPSSTALASCSRIARR.
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Maximum DB seq length: 2000000000
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Match Length DB
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Sequence 2. Application US/09527236A

Patent No. 638808

GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Fan, Ping
APPLICANT: Reiner L.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REPERENCE: PF375P1
CURRENT APPLICATION NUMBER: 05/09527,236A
CURRENT APPLICATION NUMBER: 06/052,991
PRIOR FILING DATE: 1997-06-11
PRIOR PLING DATE: 1997-06-10
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 655
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Pred. No. 1.8e-298;
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US-09-580-181-4
US-09-102-530-4
US-09-102-530-6
US-08-975-445A-2
US-08-795-445A-2
US-08-795-445B-2
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US-08-795-445B-12
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US-08-974-105-6
US-08-974-186-6
US-08-974-186-6
US-08-795-445A-6
US-08-797-1186-6
US-08-797-1186-6
US-08-797-1186-6
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US-08-974-1186-6
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Best Local Similarity 100.
Matches 655; Conservative
     ORGANISM: Homo sapiens
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Sequence 8, Sequence 2, Sequence 8, Sequence 4,

US-09-580-181-8 US-09-102-530-2 US-09-102-530-8 US-09-580-235-4

Sequence 4, Sequence 2, Sequence 8, Sequence 2,

US-09-326-394-4 US-09-580-235-2 US-09-580-235-8

US-08-385-229-4

us-10-041-574-2.rai

protein

MOLECULE TYPE:

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VLVVIVVCSIRKSSRTLKKGPRQDPSALVEKAGLKKSMTPTQNREKWIYYCNGHGIDILK 420
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                                                                                                                                                                                                                                                                                                                                                                     601 DDMLHFLNPEELRVIEEIPQAEDKLDRLFEIIGVKSQEASQTLLDSVYSHLPDLL 655
                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: DEEN, KETTH
APPLICANT: HURLE, MARK
APPLICANT: YOUNG, PETER
APPLICANT: TAN, K.B.
TITLE OF INVENTION: Tumor Necrosis Related Receptor,
TITLE OF INVENTION: TR7
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: GH-50017
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0701
TELEFAX: 610-407-0701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/959,382
FILING DATE: 28-OCT-1997
CLASSIFICATION: 514
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/041,796
FILING DATE: 02-APR-1997
ATTOWNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/08959382
Patent No. 6013476
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: RATNER & F
STREET: P.O. BOX 980
CITY: VALLEY FORGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 19482
COMPUTER READABLE FORM:
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Sequence 23, Application US/09042785A
SETTLE OF INVENTION:
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
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                                         Length 655;
                                                                    Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                      Score 3450; DB 3;
Pred. No. 6.2e-298;
0; Mismatches 1;
                                      99.8%;
99.8%;
                                                                    Conservative
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USA
                                                     Similarity
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                                      Query Match
Best Local Simil
Matches 654; C
; MOLECOLE 11
US-08-959-382-2
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90.2%; Pred. No. 2.1e-233;
tive 15; Mismatches 39;
AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
              NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD,
STREET: 28 State Street
                                                                                                                                                                 COMPUTER: Floppy disk
COMPUTER: IBM PC COMPATIBLE
ODERATING SYSTEM: PC-DOS/MG-
                                                                                                                                                                                                                                                                                                                                                              NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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517; Conservative
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                                                                                                   Massachusetts
: USA
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MEDIUM TYPE: Floppy
   FITLE OF INVENTION:
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                                                                                        Boston
                                                                                                                                      02109
                                                                                                      STATE: Ma
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                                                                                                                                                                                                                           SOFTWARE:
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Best Local S
Matches 517
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Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
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                                                                                                                                                                                                                                                                                                                                                             ; DB 4; Length 605; 2.2e-248;
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                                                                                                                                                                                                                                                                                                                                                             83.7%; Score 2892; 100.0%; Pred. No. 2
              APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/938,896 FILING DATE: 26-SEP-1997 ATTORNEX/AGENT INFORMATION:
                                                                                                                 NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEFRONE: (617)242-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 23:
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                                                                                                                                                                                                                                                      : 605 amino acids
amino acid
 CURRENT APPLICATION DATA:
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Matches 544; Conservative
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US-09-042-785A-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
                                                                                                                                            Sequence 4, Application US/09042785A
Patent No. 6194151
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NOVEL MOLECULES OF THE TWE RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SOURCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 253;
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                                                                                                                                                                                                                                                                                                                                                           ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; DB 4; L
9.7e-113;
                             39.3%; Score 1359; E
100.0%; Pred. No. 9.7
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 253 amino acids
amino acid
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                             CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; MOLECULE TYPE: protein US-09-042-785A-4
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Matches 249; Conserva
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                                                                                                                              US-09-042-785A-4
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66 TCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCAA 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCAA 60
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                                                                  APPLICANT: Nu, Jian
APPLICANT: Yu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Fan, Ping
APPLICANT: Genz, Relier L.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REBERBERGE: PF375P1
CURRENT APPLICATION NUMBER: US/09/527,236A
CURRENT FILING DATE: 2000-03-16
PRIOR PPLICATION NUMBER: 09/095,094
PRIOR FILING DATE: 1999-06-10
PRIOR FILING DATE: 1999-06-10
PRIOR PPLICATION NUMBER: 60/126,019
PRIOR FILING DATE: 1999-06-14
PRIOR FILING DATE: 1999-06-14
PRIOR FILING DATE: 1999-05-24
PRIOR FILING DATE: 1999-05-24
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
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US-08-959-382-4
; Sequence 4, Application US/08959382
; Sequence 4, Application US/08959382
; Patent No. 6013476
; GENERAL INFORMATION:
    APPLICANT: DEEN, KEITH
    APPLICANT: TOUNG, PETER
    TITLE OF INVENTION: Tumor Necrosis Related Receptor,
    TITLE OF INVENTION: TY
    NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 841; DB 4;
Pred. No. 4.5e-67;
0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
OPERATING SYSTEM: DOS
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 186 CKAYTDCLSQNLVVIKPGTKETDNVCG 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121 CKAYTDCLSQNLVVIKPGTKETDNVCG 147
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Sequence 19, Application US/09527236A Patent No. 6358508
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Best Local Similarity 99.3
Matches 146; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: RATNER & PR
STREET: P.O. BOX 980
CITY: VALLEY FORGE
STATE: PA
COUNTRY: USA
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US-09-527-236A-19
                                                GENERAL INFORMATION:
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Length 84;

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415 GIDILKLVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEAS 474
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                                                                                                                                                                                                                                                                                1 GIDILKLVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEAS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      12.5%; Score 431; DB 4; Length 84; nilarity 100.0%; Pred. No. 5.1e-31; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                           Score 431; DB 4;
Pred. No. 5.1e-31;
                                                                                                                                                                 12.5%; Scor.
100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/938,896 FILING DATE: 26-SEP-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Mandragouras, Any E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                           475 LAQLISALRQHRRNDVVEKIRGLM 498
                                                                                                                                                                                                                                                                                                                                                                61 LAQLISALRQHRRNDVVEKIRGLM 84
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                            84 amino acids
                                                                                                                                                                                                                       84; Conservative
  INFORMATION FOR SEO ID NO:
                    SEQUENCE CHARACTERISTICS
                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                           Query Match
Best Local Similarity
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Matches 84; Conserve
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                                                            amino acid
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                                                                                                                                      US-09-042-785A-30
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                                            LENGTH:
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                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MGTSPSSSTALASCSRIARRATATWIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 30, Application US/09042785A
Patent No. 6144151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHLYE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 125;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO Compatible
OPPRATING SYSTEM: FC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3;
3e-52;
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100.0%; Pred. No. 3e-5.
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REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET UNBER: MEI-001CP
TELECOMMUNICATION: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998 PRIOR APPLICATION DATA: BAPLICATION NUMBER: US 08/938,896 FILING DATE: 26-SEP-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                  REFERENCE/DOCKET NUMBER: GH-50017
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
TELEFAX: 610-407-0701
              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 02-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
                                                                                                                                                                                                                                    TELEX: 846169
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 125 amino acids
TYPE: amino acid
STRANDEDNESS: single
28-0CT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADLALL
STREET: 20 C
CITY: Boston
TIP: Massachusetts
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Best Local Similarity 100.
Matches 125; Conservative
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                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LPCAA 125
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125 ALTDRECTCPPGMF-----QSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSD 178
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :| : | | : | | 221 STRSQHTQPTPEPSTAPSTSFLLPMGPSPAEGSTGDFALPVGLIVGVTALGLLIGVVN 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           65 LTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCA 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     179 VPSSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSP----SPGTAIFPRP- 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----ASVRPKVLSSIQEGTVPD-NTSSARGKEDVNKTLPNLQVVNHQQGPHHRHILKLLP 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          234 ----EHMETHEVPS-----STYVPKGMNSTESNSS--------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Smith, Craig A.
APPLICANT: Goodwin, Raymond G.
APPLICANT: Beckmann, M. Patricia
TITLE OF INVENTION: Tumor Necrosis Factor Receptors
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                  35; Mismatches 116;
                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 9.9%; Score 343.5; DB 1
Best Local Similarity 29.2%; Pred. No. 4.6e-22;
Matches 95; Conservative 35; Mismatches 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        281 CVIMTQVKKKPLCLQREAKVPHLPADKARG----
                PALON APPLICATION DATE:
PELLING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
REFERNCE/DOCKET NUMBER: 2503
TELEPHONE: (206) 587-0430
TELEPHONE: (206) 587-0466
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  315 SMEATGGEKSSTPI -- KGPKRGHPR 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SSSSSLESSASALDRRAPTRNQPQ 349
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Ploppy disk
""""FR: IBM PC COMPALIBLE
PC-DOS/MS_T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3: Immunex Corporation
51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/08650000 Patent No. 5945397 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                     LENGTH: 461 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-L
SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                   ; MOLECULE TYPE: protein US-08-385-229-2
    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Washington: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Seattle
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                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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US-08-650-000-2
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Patent No. 5605690
GENERAL INFORMATION:
APPLICANT: Jacobs, Cindy A.
APPLICANT: Smith, Craig A.
TITLE OF INVENTION: Inflammation Using Tumor Necrosis Factor Antagonists
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             429 QWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEASLAQLISALRQHRRN 488
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                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Ni, Jian
APPLICANT: Vi, Guo-Liang
APPLICANT: Fau, Ping
APPLICANT: Fau, Ping
APPLICANT: Gentz, Reiner L.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REFERENCE: PF375p1
CURRENT APPLICATION NUMBER: US/09/527,236A
CURRENT APPLICATION NUMBER: 00/052,991
PRIOR PILING DATE: 1997-06-11
PRIOR APPLICATION NUMBER: 09/095,094
PRIOR FILING DATE: 1999-06-10
PRIOR FILING DATE: 1999-03-24
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PATENTIN VEN: 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10.2%; Score 352; DB 100.0%; Pred. No. 3.7%
475 LAQLISALRQHRRNDVVEKIRGLM 498
                         APPLICATION NUMBER: US/08/385,229
                                                                                                                                                       Sequence 21, Application US/09527236A
Patent No. 6358508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Immunex Corporation
51 University Street
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100, Matches 67; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo saptens
US-09-527-236A-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Washington COUNTRY: U.S.A. ZIP: 98101
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221 STRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGDFALPVGLIVGVTALGLLIIGVVN 280
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----TQGPEQQHLLITAP 324
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                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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les 116;
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29.2%; Pred. No. 4.6e
tive 35; Mismatches
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                                                                                                                                                                                                                                                                                                    NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                          PAPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998
PRIOR APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/08477347
Patent No. 6232446
GENERAL INFORMATION:
APPLICANT: WALLACH, David
APPLICANT: BELETSKY, IGOR
TITLE OF INVENTION: TNF LIGANDS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W.
                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOG 200
                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (61)742-4214
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 461 amino acids
amino acid
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Best Local Similarity 29.2
Matches 95; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide FRAGMENT TYPE: internal
  Massachusetts
                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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                     COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                65 LTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCA 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        79; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 461;
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                  US/08/468,453
                                                                                                             FILING DATE: 05-SEP-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 405,370
FILING DATE: 11-SEP-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 421,417
FILING DATE: 13-OCT-1989
PRIOR APPLICATION NUMBER: US 523,635
FILING DATE: 10-MAX-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                        NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 2501-D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/09042785A Patent No. 6194151 GENERAL INFORMATION:
                                                                                                MBER: US 403,241
05-SEP-1989
                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (206) 233-0644 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 461 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: protein US-08-650-000-2
PRIOR APPLICATION DATA:
                                                        APPLICATION NUMBER:
                     APPLICATION NUMBER:
                                                                                              APPLICATION NUMBER:
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                                                                             FILING DATE:
                                   FILING DATE:
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STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              125 ALTDRECTCPPGMF-----QSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSD 178
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       234 ----EHMETHEVPS----STYVPKGMNSTESNSS-----EHMETHEVPS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                   COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC:DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,347
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hes 116;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 9.9%; Score 343.5; Best Local Similarity 29.2%; Pred. No. 4.6e Matches 95; Conservative 35; Mismatches
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                                                                                                                                                                                                                                                                                                                                                          NAME: Townsend, G. Kevin
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: WALLACH-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      315 SMEATGGEKSSTPI -- KGPKRGHPR 337
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Patent No. 5251801
GENERAL INFORMATION:
APPLICANT: WEI, YING-FEI
APPLICANT: YU, GOO-LIANG
APPLICANT: RU, GOO-LIANG
APPLICANT: RUBEN, STEVEN
APPLICANT: RUBEN, STEVEN
                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/115,685
                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION UNBER: IL 106271
FILING DATE: 08-JUL-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 248633
INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 461 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: protein US-08-477-347-3
Washington
                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                          FILING DATE:
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                                        COUNTRY:
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65 LTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCA 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  125 ALTDRECTCPPGMF----QSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSD 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          112 REQNRICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPGTETSDVVCKPCAPGTFSN 171
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               179 VPSSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSP----SPGTAIFPRP-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               234 ----EHMETHEVPS----STYVPKGMNSTESNSS-----EHMETHEVPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR 5 NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/006,353A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BROOKES, ANDERS A
REGISTRATION NUMBER: PF341
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 8504
TELEFAK: (301) 309-8514
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 461 mnino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9.9%; Score 343.5; DB 4;
29.2%; Pred. No. 4.6e-22;
tive 35; Mismatches 116;
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                                                                                  E: HUMAN GENOME SCIENCES,
9410 KEY WEST AVENUE
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Job time: 19 secs
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Best Local Similarity 29.2%
Matches 95; Conservative
                                                                                                                                                                                                                      ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                       NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
                                                                                                       STREET: 9410 NE.
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5, 2003, 14:15:48; Search time 17 Seconds (without alignments) 1133.648 Million cell updates/sec
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655
1 MGTSPSSSTALASCSRIARR.....SQEASQTLLDSVYSHLPDLL 655
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                               262574 seqs, 29422922 residues
                                                                       OM protein - protein search, using sw model
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Gapop 60.0 , Gapext 60.0
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Perfect score:
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUG_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/PCTUG_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/packfiles1.pep:*
6: /cgn2_6/ptodata/1/iaa/packfiles1.pep:*
8core greater_than or equal to the score of the result being printed, and is derived by—analysis of the total score distribution.

Post-processing: Listing first 45 summaries

Issued_Patents_AA:*

Database :

SUMMARIES

	Description	Sequence 2, Appli		Sequence 23, Appl		4	Sequence 19, Appl	7		31,	21,	3, 1	Sequence 3, Appli	Ļ	٦,	9	9	ģ	24,	24,	24,	12,	12,	17,	Sequence 10, Appl	5305	Sequence 20, Appl	9
SUMMAKIES	ID	US-09-527-236A-2	US-08-959-382-2	US-09-042-785A-23	US-09-042-785A-4	US-08-959-382-4	US-09-527-236A-19	US-09-042-785A-2	US-09-042-785A-30	US-09-042-785A-31	US-09-527-236A-21	US-09-026-587-3	US-09-227-420-3	US-09-026-587-1	US-09-227-420-1	US-08-436-044-6	US-08-436-054-6	PCT-US95-08812-6	US-08-222-616-24	US-08-446-648-24	PCT-US95-04228-24	US-08-480-229C-12	US-08-659-235C-12	US-08-817-811-17	US-08-518-967-10	US-09-134-001C-5305	US-08-981-601-20	US-08-950-720A-6
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d	Query Match 1	100.0	96.3	83.1	38.0	19.1	18.2	17.7	12.8	12.8	10.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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QY Db

121 LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180

241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH 300

Appl Appl Appl Appl Appl Appl Appl Appl			0;	09	120
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sednence sed		9.	655; 0;	SNLIGTY	CSQPCP CSQPCP
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9 030		r Receptor	4; 0;	LSTTTA -	FTRHEN
-102-36 -919A-3 -183-32 -100-32 -952-33 -957-3 -967-2 -967-2 -967-2 -103-4 -103-4 -911-4 -506A-5 -479A-5 -479A-5	ENTS	is Factor 236A	655; DB No. 0; atches	SLLLLGE SLLLLGE	SSCPVGT SSCPVGT
4 US-08-874-102-36 4 US-09-984-919A-36 4 US-09-1813-32 4 US-09-280-040-32 4 US-09-277-700-32 4 US-09-172-952-33 4 US-09-134-001C-5030 US-09-134-001C-5030 US-09-134-001C-5030 US-09-134-001C-5030 US-08-18-967-2 5 PCT-US95-04910-13 US-08-283-911-4 US-08-283-911-4 US-08-283-911-4 US-08-283-911-4 US-08-390-4748-5 US-08-390-4748-5 US-08-390-4748-5 US-08-390-4748-5	ALIGNMENT	36A Necros 9/527, 991 ,094 ,019	Score Pred. ; Mism	MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQRASNLIGTYRHVDRA 	TGQVLTCDKCPAGTVVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK
		us/09527236A ng er L. an Tumor Nec 000-03-16 006-11 006-11 006-11 R: 60/126,01 -06-10 R: 60/126,01 -06-10 R: 60/126,01	.0%;	KIARR KIARR	SEHC SEHC
113 2223 2223 2223 2223 2233 2233 2233			100 100 ative	ALASCSF ALASCSF	CPAGTYN
		icat Jion: J	h Similarity 55; Conserv	TSPSSST	QVLTCDK
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85 LRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCAALTDRECTCPPGMFQSNATC 144
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                                                                                                                                                                                                                                                                                                        85 LRVCSSCPVGFFTRHENGIEKCHDCSQPCPWPMIEKLPCAALTDRECTCPPGMFQSNATC
                                                                                                                                                                                                                                                                                                                                                                                  145 APHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVPSSVWKCKAYTDCLSQNLVVIKPGT
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Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                              Indels
                                                                            Length
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                                                                            DB 3;
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                                                               96.3%; Score box, 100.0%; Pred. No. 0;
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LL
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
                                                                          Query Match 96.3
Best Local Similarity 100.
Matches 631; Conservative
protein
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-042-785A-23
                       US-08-959-382-2
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                                                                                                    420
                                                                                                                                                                                                                                                                                                        ALRQHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP 540
                                                                                                                                                                                                                                                                             421 LVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEASLAQLIS 480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SPQDKNKGFFVDESEPLLRCDSTSSGSSALSRNGSFITKEKKDTVLRQVRLDPCDLQPIF 600
361 VLVVIVVCSIRKSSRTLKKGPRODPSAIVEKAGLKKSMTPTONREKWIYYCNGHGIDILK
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SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/959,382
FILING DATE: 28-OCT-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: GH-50017
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
TELEFAX: 610-407-0701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/041,796
FILING DATE: 02-APR-1997
ATORNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 846169
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 655 anino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
TOPOLOGY; linear
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504

504

564

564

624

444 444

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                 NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                             253 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
                 NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                              Massachusetts
                                                                                                                         ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      241 VPSSTYVPK 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11111111
241 VPSSTYVPK 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 249; Conserv
                                                                                 Boston
                                                                                            STATE: M. COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-042-785A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-959-382-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          361 VLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKWIYYCNGHGIDILK 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        421 LVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEASLAQLIS 480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      481 ALROHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP 540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   301 QQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQNLHKHFDINEHLPWMIVLFLLL
                                                                                                                                                                                                                                                                                                                                                                                            1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
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Patent No. 6194151
GENERAL INFORMATION:
APPLICART: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
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                                                                                                                                                                                                                                                                                                                                 83.1%; Score 544; DB 4; Length 605
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                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                     FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: MANGENGOUREN, AMY E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)722-7400
TELEFRA: (617)742-4214
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 anino acids
                                                                                                                                                                                                                                                                                                                                                Pred. No
              APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998
                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
                                                                                                                                                                                                                                                                                                                            Query Match 83.1%;
Best Local Similarity 100.0%;
Matches 544; Conservative 0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               541 SPQD 544
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SPQD 544
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61 TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/09/042,785A
FILLING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILLING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ilarity 100.0%; Pred. No. 4.9e-236;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                38.0%; Score 249; DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: MEI-001CP TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/08959382
Patent No. 6013476
GENERAL INFORMATION:
APPLICANT: DEEN, KEITH
APPLICANT: HURLE,
APPLICANT: YOUNG, PETER
APPLICANT: TAN, K.B.
                                                                                                                                                                                                                                            PC-DOS/MS-DOS
ADDRESSEE: LAHIVE & COCKFIELD, STREET: 28 State Street
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us-10-041-574-2.oli.rai

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: 573 amino acids
amino acid
 NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 19
LENGTH: 147
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Best Local Similarity 100.(
Matches 116; Conservative
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                                                                                            ; ORGANISM: Homo sapiens
US-09-527-236A-19
                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-042-785A-2
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                                                                             TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 19, Application US/09527236A

Patent No. 6358508

GENERAL INPORMATION:
APPLICANT: Yu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Pu, Guo-Liang
APPLICANT: Ren, Ping
APPLICANT: Ren, Ping
APPLICANT: PROTECT Renter L.
TILLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REFERENCE: PROTSP1
CURRENT FILING DATE: 2000-03-16
PRIOR APPLICATION NUMBER: 09/095,091
PRIOR APPLICATION NUMBER: 09/095,094
PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1999-03-24
PRIOR FILING DATE: 1999-03-24
PRIOR FILING DATE: 1999-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        19.1%; Score 125; DB 3; Length 125; 100.0%; Pred. No. 1.1e-114; tive 0; Mismatches 0; Indels
                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: FastSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                            PRICE APPLICATION DATA:
APPLICATION NUMBER: 60/041,796
FILING DATE: 02-APR-1997
ATTOMELY AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
REFENDE/DOCKET NUMBER: GH-50017
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/959,382
FILING DATE: 28-OCT-1997
CLASSIFICATION: 514
ADDRESSEE: RATNER & PRESTIA
STREET: P.O. BOX 980
CITY: VALLEY FORGE
                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 846169
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 125 amino acids
TYPE: amino acid
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Best Local Similarity 100.
Matches 125; Conservative
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                                                                                                                                                COMPUTER: IBM COM
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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                                                                             USA
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                                                       STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-959-382-4
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                                                                                                                                                                                                                                     66 TCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCAA 125
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                                                                                                                           Gaps
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Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: BUSIGLIDIA, Samantha J
APPLICANT: BUSIGLIDIA, SAMENTHA J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHDRESS:
STREET: 28 State Street
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Query Match
18.2%; Score 119; DB 4; Length 147;
Best Local Similarity 100.0%; Pred. No. 9.4e-109;
Matches 119; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR.1998
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION: NAMM: MANGTHER MANGTHER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: MEI-001CP TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400 TELEPHONE: (617)722-4214 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 573 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTR: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IB
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390 EASLAQLISALRQHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPN 445

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415 GIDILKLVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEAS 474
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 31.

Sequence 31.

Sequence 31.

Application US/09042785A

Patent No. 6194151

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION:

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSE:

ADDRESSE:
                                                                           Sequence 30, Application US/09042785A
Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: BUSfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE INF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWAREI APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: MANDARGARY INFORMATION:
NAME: MANDARGARY INFORMATION:
TELECOMMUNICATION NUMBER: 36,207
REGISTRATION NUMBER: 36,207
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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12.8%; Score 84; DB 4; Le
Best Local Similarity 100.0%; Pred. No. 1.2e-74;
Matches 84; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      475 LAQLISALRQHRRNDVVEKIRGLM 498
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 84 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 02109
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                                          US-09-042-785A-30; Sequence 30; App
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RESULT 8
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415 GIDILKLVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEAS 474
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Yu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Fu, Ping
APPLICANT: Gentz, Reiner L.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REFERENCE: PF375p1
CURRENT APPLICATION: HUMBER: US/09/527,236A
CURRENT FILING DATE: 1000-03-16
PRIOR APPLICATION NUMBER: 60/052,991
PRIOR FILING DATE: 1999-06-10
PRIOR PLING DATE: 1999-06-10
PRIOR PLING DATE: 1999-03-24
PRIOR FILING DATE: 1999-03-24
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE PATENTING DATE: 1999-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            12.8%; Score 84; DB 4; Length 84; 100.0%; Pred. No. 1.2e-74; tive 0; Mismatches 0; Indels
                                                                                                                                                                                      SOFTWARE STATEM TO TOO TO THE STATEM TO TO THE STATEM THE STATEM TO THE 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: MANDIAGOURS, AMY E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         475 LAQLISALRQHRRNDVVEKIRGLM 498
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: Patentin Release #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 84 amino acids
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Matches 84; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-042-785A-31
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ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               220 STSPSPGT 227
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; CLONE: 1644453
US-09-227-420-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Line
IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                        94304
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                                                                                                                                        STATE: C. COUNTRY:
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 0; Indels
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                                                                                                   KESULT 11
US-09-026-587-3
Sequence 3, Application US/09026587
Patent No. 5912128
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
APPLICANT: Guegler, Karl J.
APPLICANT: Gorley, Neil C.
TITLE OF INVERTION: HUMAN ENA/VASP-LIKE PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,587
FILING DATE: Filed Herewith
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 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGIESTRATION NUMBER: 36,749
REFRENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 393 annino acidd TYPE: annino acidd STRANDEDNESS: single
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Best Local Similarity 100.
67; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
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                                                                                         189 DVVEKIR 495
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; CLONE: 1644453
US-09-026-587-3
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 Matches
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Gaps
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APPLICANT: Lal, Preetl
APPLICANT: Guegler, Karl J.
APPLICANT: Colley, Neil C.
TITLE OF INVENTION: HUMAN ENA/VASP-LIKE PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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APPLICANT: Guegler, Karl J.
APPLICANT: Colley, Nail C.
TITLE OF INVENTION: HUMAN ENA/VASP-LIKE PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMpatible
COMPATING SYSTEM: DOS
SOFTWARE: Fast-SEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/227,420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                      AUDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Incyte Pharmaceuticals, Inc
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/026,587
FILING DATE:
ATTORNEY, FAGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0471 US
TELECOMMINICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 8; Pred. No.
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100.0%; Pre
0; /
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 393 amino acids
TYPE: amino acid·
STRANDEDNESS: single
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Best Local Similarity 100...
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MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: 1BM PC computatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,044
FILING DATE: 05-MAY-1995
CLASSIFICATION 0ATA:
APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                         DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.2%; Score 8; DB 1
100.0%; Pred. No. 40;
ive 0; Mismatches
                                                                                                                                                                                                                                                    Query Match 1.2%; Score 8; DB 3
Best Local Similarity 100.0%; Pred. No. 18;
Matches 8; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/08436044
Sequence 6, Application US/08436044
Batent No. 5624809:
GENERAL INFORMATION:
APPLICANT: Bennett, Brian D.
APPLICANT: Matthews, William
TITLE OF INVENTION: HTK LIGAND
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSE: Genenced, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Search completed: June 5, 2003, 14:20:30
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Lee, Wendy M. REGISTRATION NUMBER: 00,000
                                                    LENGTH: 418 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: HEAONOTO3
CLONE: 3089412
US-09-227-420-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELERAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
             INFORMATION FOR SEQ ID NO: 1:
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amino acid
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Best Local Similarity 100.
Matches 8; Conservative
                                    SEQUENCE CHARACTERISTICS LENGTH: 418 amino aci
                                                                                                                                                                                                                                                                                                                                           220 SISPSPGT 227
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-436-044-6
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US-08-436-044-6
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Patent No. 5990087
CENERAL INFORMATION:
CAPPLICANT: Lal, Preeti
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: CORRESPONDENCES: 4
APPLICANT: CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.2%; Score 8; DB 2;
100.0%; Pred. No. 18;
tive 0; Mismatches
SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/026,587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: DOS
SUFTWARE: PESASEG for Windows Version 2.0
SUFRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/227,420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: BILLINGS, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0471 US
TELECOMMUNICATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                         PF-0471 US
                                               APPLICATION NUMBER: US/09/026,587
FILING DATE: Filed Herewith
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APPLICATION NUMBER: 09/026,587
FILING DATE:
                                                                                      CLASSIFICATION:
PRIOR APPLICATION UNDER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: B1111ngs, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-04
TELECHANICATION INFORMATION:
TELECHAN: 650-845-0555
                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 418 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 100.
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
| IMMEDIATE SOURCE:
| LIBRARY: "HEAONOTO3
| CLONE: 3089412
| US-09-026-587-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               220 STSPSPGT 227
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304 STSPSPGT 311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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Gaps

Job time : 18 secs

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5, 2003, 14:19:43 ; Search time 25 Seconds (without alignments) 2704.895 Million cell updates/sec
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1 MGTSPSSSTALASCSRIARR.....SQEASQTLLDSVYSHLPDLL 655
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                           OM protein - protein search, using sw model
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Gapop 60.0 , Gapext 60.0
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                                   Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

/cgn2_6/ptodata/1/pubpaa/USOB_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
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/cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
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//cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

Published_Applications_AA:*

Database

## Sequence 64, Appl Sequence 2, Appli Sequence 418, Sequence 418, Sequence 418 Sequence 418 Sequence 418 Sequence 418 Description Sequence 4 Sequence 4 Sequence 4 Sequence Sequence Sequence Sequence (Sequence (Sequen Sednence , US-10-041-574-2 US-09-978-192A-64 US-09-978-189-64 US-09-978-189-64 US-10-174-590-418 US-10-175-737-418 US-10-175-737-418 US-10-175-738-418 US-10-175-758-418 US-10-180-557-418 US-10-173-700-418 SUMMARIES В Length Query Match Score Result Š.

	ALIGNMENTS					
Sequence 4	US-10-176-481-418 US-10-176-485-418	9	655 655	100.0	655 655	44
	-10-175-747-41	6	ທ		S)	43
Sequence 4	-10-174-586-41	6	S		S	42
ednence	S-1:0-174-585-41	6	S		S	41
Sequence 4	-10-174-576-41	σ	S		S	40
Sequence 4	S-10-173-705-41	6	S		Ŋ	39
Sequence 4	-10 - 173 - 697 - 41	6	S	100.0	S	38
Sequence 4	S-10-173-695-41	6	S	00	S	37
Sequence 4	-10-184-658-41	σ	S	90	S	36
Sequence 4	S-10-176-993-41	σ	S	100.0	S	35
Sequence 4	-10-176-992-41	σ	S	00	S	34
Sequence 4	-10-176-991-41	6	2	00	S	33
Sequence 4	10-176-987-41	δ	S	100.0	S	32
Sequence 4	-10-176-985-41	σ	S	100.0	S	31
Sequence 4	-10-176-750-41	6	S	100.0	S	30
Sequence 4	-10-176-747-41	6	S	8	S	29
Sequence 4	-10-176-492-41	6	S	100.0	S	28
Sequence 4	-10-176-488-41	σ	S	100.0	S	27
Sequence 4	-10-175-743-41	σ	S	100.0	S	26
Sequence 4	-10-175-740-41	σ	S	100.0	Ŋ	25
Sequence 4	-10-175-739-41	σ	ស	100.0	S	24
Seguence 4	-10-174-588-41	6	S	100.0	S	. 23
Sequence 4	10-174-582-41	6	S	100.0	S	22
Sequence 4	-10-174-579-41	6	5	100.0	S	21
Sequence 4	-174-572-41	6	2	100.0	2	20

RESULT

Napier, Mary A. Pan, James, Paoni, Nicholas F. Roy, Margaret Ann Shelton, David L. Stewart, Timothy A. Tumas, Daniel Kljavin, Ivar J. Kuo, Sophia S. APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT:

APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC11
CURRENT APPLICATION NUMBER: U5/09/978, 295A
CURRENT APPLICATION NUMBER: U5/09/978, 295A
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 60/062250
PRIOR FILING DATE: 06/064249

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311 364 450 632 641 791	86 33 33 55 55 64 86 86 86	1	34 70 71 71 95 03
11-03 : 60/065 :: 60/066 :: 60/066 :11-21 : 11-21 : 60/077 : 60/077 : 60/077 : 60/077 : 60/077 : 60/077	033-13 1. 60/0789 1. 60/0789 1. 60/0789 1. 60/0789 1. 60/0789 1. 60/0792 1. 60/0796 1. 60/0796 1. 60/0796 1. 60/0796 1. 60/0797 1. 60/0797 1. 60/0797 1. 60/0797 1. 60/0797 1. 60/0797	33-30 33-30 60/079 33-31 60/080 33-31 60/080 60/080 33-31 60/080 60/080 4-01	9 9 9 9 9 9 9 9
		NUMBER 1998-1998-1998-1998-1998-1998-1998-1998	NOMBER NO
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PRIOR APPLICATION NUMBER: 60/081817
PRIOR PRINK TILING DATE: 1998-04-15
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PRIOR PLICATION NUMBER: 60/08156
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PRIOR PRICKATION NUMBER: 60/082704
PRIOR PAPLICATION NUMBER: 60/082704
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PRIOR PAPLICATION NUMBER: 60/082704
PRIOR PLILNG DATE: 1998-04-22
PRIOR PLILNG DATE: 1998-04-29
PRIOR PRIOR PLILNG DATE: 1998-04-29
PRIOR PRIOR DATE: 1998-04-29
PRIOR PRILNG DATE: 1998-04-29
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PRIOR PRING DATE: 1998-04-29
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PRIOR PRING DAT

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121 LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          QQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQNLHKHFDINEHLPWMIVLFLLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          421 LVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEASLAQLIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
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TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 655;
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                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/756,854 FILING DATE: 10-Jan-2001 CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 655; 1 100.0%; Pred. No. 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                          NAME: HOOVER, Kenley K.
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: PF375
                                                                                                                                                                                                                                                                                                          APPLICATION DATA: APPLICATION NUMBER: 09/095,094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION
                                                  ADDRESSEE: Human Genome
STREET: 9410 Key West Av
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 655 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 301-309-8504
TELEFAX: 301-309-8439
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                                                                                                                                                                                                                                                                                                                                            FILING DATE: <Unknown>
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MOLECULE TYPE: protein
;
SEQUENCE DESCRIPTION: SEQ
US-09-756-884-2
                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                 SEQUENCES: 26
                                                                                                                  COUNTRY: US
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp
                NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                  CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 655; Conserv
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Pred. No. 0;
       PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR PELING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR APPLICATION NUMBER: 60/085579
PRIOR PELING DATE: 1998-05-15
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PRIOR APPLICATION NUMBER: 60/085573
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PRIOR APPLICATION NUMBER: 60/08573
PRIOR FILING DATE: 1998-05-15
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PRIOR APPLICATION NUMBER: 60/085697
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Yu, Guo-Liang
Fan, Ping
Gentz, Reiner
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Best Local Similarity
Matches 655; Conserv
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US-09-756-854-2
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R FILING DATE: 1998-04-09
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APPLICATION NUMBER: 60/082804
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082700
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/079923
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APPLICATION UNMBER: 60/081819
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
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APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082568
FILING DATE: 1998-04-21
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
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APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/080333
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APPLICATION NUMBER: 60/081070
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APPLICATION NUMBER: 60/081049
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APPLICATION NUMBER: 60/079294
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FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/081071
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APPLICATION NUMBER: 60/081817
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                                                                                                                                                                                                         601 DDMLHFLNPEELRVIEEIPQAEDKLDRLFEIIGVKSQEASQTLLDSVYSHLPDLL 655
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CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT APPLICATION NUMBER: 09/91885
PRIOR APPLICATION NUMBER: 09/91885
PRIOR APPLICATION NUMBER: 06/06226
PRIOR PILING DATE: 1997-10-17
PRIOR PLING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06344
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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APPLICATION UNMBER: 60/077632
AILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/077649
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Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: AShkenazi, Avi
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FILING DATE: 1998-03-12
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APPLICATION NUMBER: 60/078886
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Shelton, David L.
Stewart, Timothy A.
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Wood, William I.
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Filvaroff, Ellen
Fong, Sherman
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Goddard, Audrey
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Gerber, Hanspeter
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Paoni, Nicholas F
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Kuo, Sophia S.
Napier, Mary A.
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Desnoyers, Luc
Eaton, Dan
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JS-09-978-697-64
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                        MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
                                            QQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQNLHKHFDINEHLPWMIVLFLLL
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US-10-041-574-2

Sequence 2. Application US/10041574

Patent No. US20020168359A1

GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Fan, Ping
APPLICANT: Ran, Ping
APPLICANT: Centz, Reiner L.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REFERENCE: PF375P1
CURRENT FILING DATE: 1002-01-16
PRIOR APPLICATION NUMBER: 09/527,236
PRIOR PILING DATE: 1997-06-11
PRIOR FILING DATE: 1997-06-11
PRIOR FILING DATE: 1999-05-14
PRIOR PILING DATE: 1999-05-14
PRIOR PILING DATE: 1999-05-14

PRIOR FILING DATE: 1999-05-14

PRIOR FILING DATE: 1999-05-14

NUMBER OF SEQ ID NOS: 27

SEQ ID NO 2

LENGTH: 655
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PRIOR FILING DATE: 1998-05-07
PRIOR PELING DATE: 1998-05-07
PRIOR PELING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR FILING DATE: 1998-05-07
PRIOR FILING DATE: 1998-5-07
PRIOR APPLICATION NUMBER: 60/084620
PRIOR FILING DATE: 1998-5-07
PRIOR FILING DATE: 1998-5-07
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PRIOR FILING DATE: 1998-04-29
PRIOR PELLING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-30
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/083742
                                                PRIOR FILING DATE: 1998-04-23
PRIOR PELING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/08336
PRIOR APPLICATION NUMBER: 60/08332
PRIOR PILING DATE: 1998-04-28
PRIOR FILING DATE: 1998-04-29
PRIOR PELING DATE: 1998-04-29
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PRIOR PILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR PILING DATE: 1998-04-29
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R APPLICATION NUMBER: 60/084600
R FILING DATE: 1998-5-07
APPLICATION NUMBER: 60/084627
R FILING DATE: 1998-05-07
R APPLICATION NUMBER: 60/084643
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APPLICATION NUMBER: 60/084366
FILING DATE: 1998-05-05
APPLICATION NUMBER: 60/084414
FILING DATE: 1998-05-06
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APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085573
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084637
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/082797
                                     APPLICATION NUMBER: 60/082796
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Score 655; DI Pred. No. 0; ); Mismatches

Query Match 100.0%; Best Local Similarity 100.0%; Matches 655; Conservative 0;

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Length 655 Indels

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TITLE OF INVENTION: Scretch and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630PHC 1870P/978,192A CURRENT APPLICATION NUMBER: US/09/978,192A CURRENT FILING DATE: 2001-10-15 PRIOR PELLOR DATE: 2001-07-30 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/062250
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APPLICATION NUMBER: 60/064249
FILLING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
FILLING DATE: 1997-11-13
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APPLICATION NUMBER: 60/078936
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078910
FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/079786
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                                                                                                                                                Tumas, Daniel
Williams, P. Mickey
Wood, William I.
                                                                                             Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                               Paoni, Nicholas F
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                  Ivar J.
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Hillan, Kenneth
                                                 Napier, Mary A.
                            Sophia S.
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                                                                                                                                              Daniel
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                                                              James;
                  ljavin,
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                                                           Query Match 100.0%; Score 655; D
Best Local Similarity 100.0%; Pred. No. 0;
Matches 655; Conservative 0; Mismatches
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Patent No. US20020177553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Filvaroff, Ellen
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Goddard, Audrey
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Eaton, Dan
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Gao, Wei-Qiang
             Homo sapiens
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US-09-978-192A-64
           ; ORGANISM: HC
US-10-041-574-2
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APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31

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PRIOR	APPLICATION FILING DATE:	NUMBER: 60/080327 1998-04-01	
PRIOR	ATION	9 :	
PRIOR	FILING DATE:	1998-04-01 NTMBER: 60/080333	
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PRIOR	APPLICATION FILING DATE:	NUMBER: 60/080334 1998-04-01	
PRIOR	ATION	٠φ,	
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PRIOR	FILING DATE: APPLICATION	1998-04-08 NUMBER: 60/081071	
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RIOR	APPLICATION	NUMBER: 60	
38	FILING DATE: APPLICATION	1998-04-09 NUMBER: 60/081955	
PRIOR	FILING DATE:	1998-04-15 NTMBER: 60.081817	
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PRIOR	ATION	NUMBER: 60	
PRIOR	DATE	1998-04 NUMBER:	
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PRIOR	APPLICATION	1998-04 NUMBER:	
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PRIOR	APPLICATION FILING DATE:	NUMBER: 60/082796 . 1998-04-23	
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PRIOR	APPLICATION FILING DATE:	UMBER: 6	
PRIOR	APPLICATION N	UMBER:	
PRIOR	APPLICATION	1998-04 UMBER:	
PRIOR	FILING DATE: APPLICATION	1998-04-29 NDMBER: 60/083499	
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APPLICATION NUMBER: 60/084598
TITME DATE: 1998-05-07 FILING DATE: 1998-05-13 APPLICATION NUMBER: 60/085338 FILING DATE: 1998-05-15
APPLICATION UNMBER: 60/085700
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APPLICATION NUMBER: 60/085689 APPLICATION NUMBER: 60/085579 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/085580 FILING DATE: 1998-05-15
APPLICATION UNBER: 60/085704
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APPLICATION NUMBER: 60/085697 1998-05-15 1998-05-FILING DATE: 1998-05 APPLICATION NUMBER: FILING DATE: PRIOR

Gaps ö Length 655; Indels ö DB 9; / Match 100.0%; Score 655; I Local Similarity 100.0%; Pred. No. 0; Nes 655; Conservative 0; Mismatches Query Match Best Loca Matches

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TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK 120 LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180 9 1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 61 61 121 g g Q ò ò

181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHE 240

QQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQNLHKHFDINEHLPWMIVLFLLL 360 301 301 οy Q 361 VLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKWIYYCNGHGIDILK 420

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1998-03-20

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R FILING DATE: 1998-03-31

R RAPPLICATION NUMBER: 60/080327

R R FILING DATE: 1998-04-01

R APPLICATION NUMBER: 60/080328

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R APPLICATION NUMBER: 60/081838
R FILING DATE: 1998-04-15
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R APPLICATION NUMBER: 60/082568
R APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 66/082804
FILING DATE: 1998-04-22
APPLICATION NUMBER: 66/082700
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/079689
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/081049
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APPLICATION NUMBER: 60/081071
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APPLICATION NUMBER: 60/081229
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
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APPLICATION NUMBER: 60/079656
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APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081952
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLG33
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR PLICATION NUMBER: 60/06226
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR PLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-12
PRIOR PLING DATE: 1997-11-12
PRIOR PLING DATE: 1997-11-12
SPQDKNKGFFVDESEPLLRCDSTSSGSSALSRNGSFITKEKKDTVLRQVRLDPCDLQPIF
                                                                                                                                Goddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077632
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APPLICATION NUMBER: 60/077641
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FILING DATE: 1998-03-12
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APPLICATION NUMBER: 60/078886
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APPLICATION NUMBER: 60/078004
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Shelton, David L.
Stewart, Timothy A.
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Gao, Wel-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Filvaroff, Ellen
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Paoni, Nicholas F
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180
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     MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Publication No. US20030004102A1
GENERAL INFORMATION:
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Filvaroff, Ellen
Fong, Sherman
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Gerber, Hanspeter
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Kuo, Sophia S.
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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R FILING DATE: 1998-05-07
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R APPLICATION NUMBER: 60/083499

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R FILING DATE: 1998-04-29
R FILING DATE: 1998-04-22
R PAPLICATION UNMBER: 60/082796
R FILING DATE: 1998-04-23
R APPLICATION NUMBER: 60/083336
R FILING DATE: 1998-04-27
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R FILING DATE: 1998-05-06
R APPLICATION NUMBER: 60/084441
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R FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
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PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
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PRIOR APPLICATION UNDRER: 60/085338
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PRIOR APPLICATION NUMBER: 60/085323
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APPLICATION NUMBER: 60/083742
FILING DATE: 1998-04-30
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APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084640
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APPLICATION NUMBER: 60/084643
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Paoni, Nicholas F Roy, Margaret Ann

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LING DATE: 1998-04-08 PLICATION NUMBER: 60/081049

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R FILING DATE: 1998-04-08
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PRIOR
                                                                                                        TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630PIG.7 CURRENT APPLICATION NUMBER: US/09/978,189
FILE REPERENCE: 2001-10-15
FILE REPERENCE: 2001-10-15
PRIOR PAPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR PAPLICATION NUMBER: 60/062250
PRIOR PAPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-07
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PRIOR PAPLICATION NUMBER: 60/065311
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APPLICATION NUMBER: 60/078886
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APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/077450
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APPLICATION NUMBER: 60/077632
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APPLICATION NUMBER: 60/079663
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PPLICATION NUMBER: 60/080105
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APPLICATION NUMBER: 60/080165
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APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/066364
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APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/077791
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APPLICATION NUMBER: 60/079664
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                                           Tumas, Daniel
Williams, P. Mickey
Wood, William I.
                          Stewart, Timothy A.
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PLICATION NUMBER: 60/082797

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APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27

PLICATION NUMBER: 60/083322

FILING DATE: 1998-04-28 APPLICATION NUMBER: 60/083392 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083495 APPLICATION NUMBER: 60/083496 APPLICATION NUMBER: 60/083499 APPLICATION NUMBER: 60/083545

FILING DATE: 1998-04-29

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LING DATE:

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083742

LING DATE: 1998-04-29

APPLICATION NUMBER: 60/084366 APPLICATION NUMBER: 60/084414

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APPLICATION NUMBER: 60/083558 APPLICATION NUMBER: 60/083559 APPLICATION NUMBER: 60/083500

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FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

APPLICATION NUMBER: 60/082568 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804

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APPLICATION NUMBER: 60/081952

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FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819

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APPLICATION NUMBER: 60/081817

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APPLICATION NUMBER: 60/081229 APPLICATION NUMBER: 60/081955

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APPLICANT: BAEAT KEVIN P.
APPLICANT: Chen, Jian
APPLICANT: Chen, Jian
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: AMONG William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLY
TITLE OF INVENTION: ACIDS ENCODING THE SAME
TITLE REFERENCE: PA3 ORLG42
CORRENT APPLICANTON NUMBER: US/10/174,590
CURRENT FILING DATE: 2002-06-18
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                      PRIOR FILING DATE: 1998-05-07
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PRIOR APPLICATION NUMBER: 60/08533
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PRIOR APPLICATION NUMBER: 60/08559
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Oy 301 QOCPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQNLHKHFDINEHLPWMIVLFLLL 360	RESULT 12  US-10-175-738-418  US-10-175-738-418  Sequence 418, Application US/10175738  Publication No. US2003002294A1  Sequence 418, Application US/10175738  Publication No. US20030022294A1  SEQUENCE TO DESTOYETS, LUC  APPLICANT: Chen, Jian  APPLICANT: Chen, Jian  APPLICANT: Goddard, Audrey  APPLICANT: Goddard, Audrey  APPLICANT: Smith, Victoria  APPLICANT: Smith	7. ORGANISM: Homo Sapien 100.0%; Score 655; DB 9; Length 655; Best Local Similarity 100.0%; Pred. No. 0; Matches 655; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 655; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  QY   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTTRENGIEKCHDCSQPCPWPMIEK 120   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTRENGIEKCHDCSQPCPWPMIEK 120   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSTRENGIEKCHDCSQPCPWPMIEK 120   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSDVRCKQCARGTFSDVP 180   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSDVRCKQCARGTFSDVP 180   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLSDVRCKQCARGTFSDVP 180   MGTSPSSSTALASCSRIARRATATMIAGSLLLGFLBVPBEHMETHE 240   MGTSPSSSTALASCSRIARRATATMIAGSLLGFLBVPBEHMETHE 240   MGTSPSSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSSTALASCSRIARRATATMIAGSLGFLBVPBEHMETHE 240   MGTSPSTALATATATATATATATATATATATATATATATATATAT
09   361 VLVVIVVCSIRKSSRTLKKGPRODPSAIVEKAGLKKSWTPTQNREKMIYYCNGHGIDILK   420   11111111111111111111111111111111111	pplication US/10173706 US20030022293A1 TION: Er, Kevin P. Er, Kevin P. Er, Kavin P. Gowski, Paul J. Andrey Godard, Audrey Godowski, Paul J. Andrey Godwilliam I. Andrey Gowski, Paul J.	ALASCSRIARRA ALASCSRIARRA ALASCSRIARRA ALASCSRIARRA CPAGTTVVSEHC; CPAGTTVVSEHC; CPAGTTVVSEHC; CPAGTTVVSEHC; CPAGTTVVSEHC; CPAGTTVVSEHC; CPAGTTVVSEHC; CPAGTTVSEHC; CPAGTTVSEHC

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241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH
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APPLICANT: Pan.James
APPLICANT: Smith. Journes
APPLICANT: Watanabe.Colin K.
APPLICANT: Wood, William I.
APPLICANT: WOOD WILLIAM I.
APPLICANT: WOOD IN TRANSMEMBRANE POI.
FILE REPERENCE: PAJ ORIC70
CURRENT APPLICATION NUMBER: US/10/176,482
CURRENT FILING DATE: 2002-06-20
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llarity 100.0%; Pred. No. 0;
Conservative 0; Mismatches
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Godowski, Paul
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1660
CURRENT APPLICATION NUMBER: US/10/175,752
CURRENT FILING DATE: 2002-06-19
PILOT APPLICATION TEMOVED - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 655; Conservative 0; Mismatches
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Goddard, Audrey
Goddowski, Paul J.
Gurney, Austin L.
Pan, James
Smith, Victoria
Watanabe, Colin K.
Wood, William I.
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US-10-175-752-418
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                                       TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK
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                   TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK
                                                                                                                                                       VLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKWIYYCNGHGIDILK
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APPLICANT: Chen, Jian
APPLICANT: Chen, Jian
APPLICANT: Chen, Jian
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Austin L.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Applicant: Colin K.
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Pred. No. 0;
; Mismatches
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Publication No. US20030022297A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 655; Conservative 0
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NUMBER OF SEQ ID NOS: 612
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US-10-176-757-418
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APPLICANT: Par, Janes;
APPLICANT: Par, Janes;
APPLICANT: Par, Janes;
APPLICANT: Roll of Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1011
CURRENT APPLICATION NUMBER: US/09/978,295A
US-10-174-572-418

US-10-174-579-418

US-10-174-588-418

US-10-175-739-418

US-10-175-740-418

US-10-175-740-418

US-10-175-740-418

US-10-176-747-418

US-10-176-747-418

US-10-176-747-418

US-10-176-748-418

US-10-176-991-418

US-10-177-691-418

US-10-177-691-418

US-10-177-691-418

US-10-177-691-418
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; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Boststein, David
; APPLICANT: Beststein, David
; APPLICANT: Bestopers, Luc
; APPLICANT: Eaton, Dan
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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J.
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APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
APPLICATION NUMBER: 60/064249
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Filvaroff, Ellen
Fong, Sherman
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Kuo, Sophia S.
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 RESULT 1
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1 MGTSPSSSTALASCSRIARR.....SQEASQTLLDSVYSHLPDLL 655
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2: /cgn2_6/prodata1/pubpaa/PCT_NEW_PUB.pep:*
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              GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                           5, 2003, 14:15:18 ; Search time 25
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US-09-756-854-2
US-09-978-64-2
US-09-978-192A-64
US-09-99-812A-64
US-09-998-192A-64
US-09-978-189-64
US-10-174-590-418
US-10-175-737-418
US-10-175-737-418
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US-10-173-700-418
                                                                                                                                                                                                                                              392085 seqs, 103240269 residues
                                                                                                                                                                                                                                                                                                                                                                                              Published_Applications_AA:*
                                                                                                                                                                                                                                                                                                                                                                    Listing first 45 summaries
                                                                   protein search, using sw model
                                                                                                                                                                                                                   Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                        Maximum Match 100%
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Maximum DB seq length: 200000000
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1997-11-03 NUMBER: 60/065311 1997-111-13 NUMBER: 60/066364 1998-03-11 1998-03-10 NUMBER: 60/077632 1998-03-11 1998-03-11 1998-03-11 1998-03-11 NUMBER: 60/077641 1998-03-11 NUMBER: 60/077641 NUMBER: 60/077641 1998-03-11		
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PRICIN FILING DATE: 1938-04-15
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PRICIN FILING DATE: 1938-04-29
PRICIN FILING DATE: 1938-05-06
PRICIN APPLICATION NUMBER: 60/08459
PRICIN FILING DATE: 1938-05-07
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TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
CERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 3456; DB 9;
100.0%; Pred. No. 2.3e-235;
Live 0; Mismatches 0;
                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/756,854
FILING DATE: 10-Jan-2001
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 09/095,094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ID NO:
                                                                                                                                                                                                                                                                                                                           NAME: Hoover, Kenley K. REGISTRATION NUMBER: 40,302
                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-309-8504
                                             ADDRESSEE: Human Genome
STREET: 9410 Key West Av
                                                                                                                                                                                                                                                                                             FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   ELEFAX: 301-309-8439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein ; SEQUENCE DESCRIPTION: SEQ US-09-756-854-2
                                                                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
               NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                  ZIP: 20850
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
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                                                                         CITY: Rockville
                                                                                                       COUNTRY: US
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                                                                                                                                                                                                                       Length 655;
                                                                                                                                                                                                                     Score 3456; DB 9;
Pred. No. 2.3e-235;
                                                                                                                                                                                                                                                  0; Mismatches
            PRIOR APPLICATION NUMBER: 60/085700.
PRIOR PILING DATE: 1998-05-15.
PRIOR APPLICATION NUMBER: 60/085689.
PRIOR FILING DATE: 1998-05-15.
PRIOR PAPLICATION NUMBER: 60/08559.
PRIOR FILING DATE: 1998-05-15.
PRIOR APPLICATION NUMBER: 60/085580.
PRIOR APPLICATION NUMBER: 60/085580.
PRIOR APPLICATION NUMBER: 60/085573.
PRIOR FILING DATE: 1998-05-15.
                                                                                                                             APPLICATION NUMBER: 60/085573
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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Patent No. US20020164684A1
                                                                                                                                                                                                                    100.0%;
1larity 100.0%;
Conservative 0
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Yu, Guo-Liang
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 1998-05-15
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Best Local Similarity
Matches 655; Conserv
FILING DATE:
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PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-03-20
PRIOR FILING DATE: 1998-03-26
PRIOR PAPLICATION NUMBER: 60/079656
PRIOR APPLICATION NUMBER: 60/079664
PRIOR APPLICATION NUMBER: 60/079669
PRIOR PELING DATE: 1998-03-27
PRIOR PELING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 60/079669
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079669
PRIOR PELING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/07928
PRIOR PELING DATE: 1998-03-27
PRIOR PELING DATE: 1998-03-37
PRIOR PELING DATE: 1998-03-31
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080333
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APPLICATION NUMBER: 60/082804
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082700
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/081070
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APPLICATION NUMBER: 60/080334
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APPLICATION NUMBER: 60/081071
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APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/081952
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                         PELICATION NUMBER: 60/
LING DATE: 1998-03-20
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APPLICATION NUMBER: 60/
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APPLICATION NUMBER:
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                         481 ALRQHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP 540
                                                                                       SPQDKNKGFFVDESEPLLRCDSTSSGSSALSRNGSFITKEKKDTVLRQVRLDPCDLQPIF 600
                                                                                                              APPLICANT: Stewart, Timothy A. APPLICANT: Tumas, Dandel APPLICANT: Tumas, Dandel APPLICANT: Tumas, Dandel APPLICANT: Williams P. Mickey APPLICANT: Williams P. Mickey APPLICANT: Wood, William I. TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: PA63901027 CURRENT APPLICATION NUMBER: US/09/978,697 CURRENT APPLICATION NUMBER: US/09/918585 PRIOR PLING DATE: 2001-07-30
                                                                                                                                                                          Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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BR FILING DATE: 1997-10-17
BA APPLICATION NUMBER: 60/064249
BR FILING DATE: 1997-11-03
BR FILING DATE: 1997-11-13
BR FILING DATE: 1997-11-13
BR FILING DATE: 1997-11-13
BR FILING DATE: 1997-11-21
BR APPLICATION NUMBER: 60/066364
BR FILING DATE: 1997-11-21
BR APPLICATION NUMBER: 60/077450
BR FILING DATE: 1998-03-10
BR FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
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Patent No. US20020169284A1
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APPLICATION NUMBER: 60/078886
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Shelton, David L.
Stewart, Timothy A.
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Paoni, Nicholas F
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Filvaroff, Ellen
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Gerber, Hanspeter
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Kuo, Sophia S.
Napier, Mary A.
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
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GENERAL INFORMATION:
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                   1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA
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APPLICANT: Ni, Jian
APPLICANT: Yu, Guo-Liang
APPLICANT: Fan, Ping
APPLICANT: Fan, Ping
APPLICANT: Gentz, Reiner L.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR9
FILE REBERBENCE: PE75F1
CURRENT APPLICATION NUMBER: US/10/041,574
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: 09/527,236
PRIOR FILING DATE: 1997-06-11
PRIOR FILING DATE: 1997-06-11
PRIOR PLICATION NUMBER: 60/052,991
PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1999-03-44
PRIOR FILING DATE: 1999-03-44
PRIOR FILING DATE: 1999-03-44
PRIOR FILING DATE: 1999-03-24
SPIOR FILING DATE: 1999-03-24
SPIOR FILING DATE: 1999-03-24
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SEQ ID NO 2
LENGTH: 655
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; Patent No. US20020168359A1
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Hillan, Kenneth J
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                                      Length 655;
                                                          Indels
                                   Query Match
100.0%; Score 3456; DB 9;
Best Local Similarity 100.0%; Pred. No. 2.3e-235;
Matches 655; Conservative 0; Mismatches 0;
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Patent No. US2002017753A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
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Filvaroff, Ellen
Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
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       ; ORGANISM: Homo sapiens
US-10-041-574-2
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US-09-978-192A-64
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic IITLE OF INVENTION: Acids Encoding the Same
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CURRENT APPLICATION NUMBER: US/09/978,192A
                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
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APPLICATION NUMBER: 60/078886
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APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/079656
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APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/077450
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APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/080105
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PRIOR APPLICATION NUMBER: 60/066364
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                                                                                                                Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
Wood, William I.
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ljavin, Ivar J.
10, Sophia S.
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                                              Napier, Mary A.
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9	1998-04-01 NIMBER: 60/080328	1998-04-01	NUMBER: 60/080333 1998-04-01	UMBER:	1998-04-01 MIMPER: 60.081020	1998-04-08	NUMBER:	4-08	NUMBER: 6U/USIU/I 1998-04-08	NUMBER: 60/081195	4	NUMBER: 60/081203	4	NUMBER: 6U/U81229 1998-04-09	NUMBER: 60/081955	4	NUMBER: 60/081817	9	4	9	1998-04-15 NIMBED: 60/081838	4	9	1998-04-21	NUMBER: 6U/U82569	NUMBER: 60/082704		NUMBER: 60/082804 1998-04-22	NUMBER: 60/082700	1998-04-22 NIMBER: 60.082707	4	NUMBER: 60/082796	1998-04-23 NUMBER: 60/083336	4-27	NUMBER: 60/083322	1938-04-28 NUMBER: 60/083392	1998-04-29	NUMBER: 60/083495 1998-04-29	NUMBER: 6	1998-04-29	NOMBER: 60/063499 1998-04-29	R: 6	1998-04-29 Nithere: 60.083554	4-29	 9:	1998-04-29 NUMBER: 60/083559	4-29	9;	1998-04-29 NUMBER: 60/083742	4-30	NUMBER: 60/084366 1998-05-05	R: 6	1998-05-06	
ATION	FILING DATE: APPLICATION	••	APPLICATION N FILING DATE:	ATION	FILING DATE:	•••	ATION	••	FILTICALION DATE:	ATION	••	ATION	••	FILTING DATE:	ATION	••	APPLICATION 1	ATION	••	ATION	APPLICATION 1	• • •	ATION		FILING DATE:	ATION	••	FILING DATE:	ATION	FILING DATE:	••	APPLICATION 1	ATION	••	APPLICATION I	ATION	••	FILING DATE:	ATION	••	FILING DATE:	ATION	ADDITONTON	• •	ATION	FILING DATE:	••	ATION	APPLICATION	••	APPLICATION FILING DATE:	•	FILING DATE:	

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Gaps

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Length 655; Indels 0

100.0%; Score 3456; DB 9; 100.0%; Pred. No. 2.3e-235; ive 0; Mismatches 0;

Best Local Similarity 100. Matches 655; Conservative

Query Match

120

61 TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK 120

TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK

61

DP OY DP 121 121 181 181

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LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180

300

 VLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKWIYYCNGHGIDILK 420

VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH 300

241

241 301 301 361 421 421

PRIOR FILING DATE: 1998-05-06

PRIOR APPLICATION NUMBER: 60/084637

PRIOR FILING DATE: 1998-05-07

PRIOR FILING DATE: 1998-05-07

PRIOR FILING DATE: 1998-05-07

PRIOR PELICATION NUMBER: 60/084640

PRIOR PELICATION NUMBER: 60/084598

PRIOR PELICATION NUMBER: 60/084600

PRIOR PELICATION NUMBER: 60/084600

PRIOR FILING DATE: 1998-05-07

PRIOR FILING DATE: 1998-05-07

PRIOR PELICATION NUMBER: 60/086339

PRIOR FILING DATE: 1998-05-13

PRIOR PELICATION NUMBER: 60/085339

PRIOR PELICATION NUMBER: 60/085339

PRIOR PELICATION NUMBER: 60/085323

PRIOR PELICATION NUMBER: 60/08559

PRIOR PELICATION NUMBER: 60/08579

60/079728

1998-03-26

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R FILING DATE: 1998-03-27
R APPLICATION NUMBER: 60/079920
R FILING DATE: 1998-03-30
R FILING DATE: 1998-03-30
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R APPLICATION NUMBER: 60/080105
                                               FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/082804
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082700
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/080194
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080327
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APPLICATION NUMBER: 60/081070
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081049
                          APPLICATION NUMBER: 60/078936
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APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
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APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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APPLICATION NUMBER: 60/080328
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APPLICATION UNDBER: 60/080333
PILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
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APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/081955
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APPLICATION NUMBER: 60/081817
FILING DATE: 1998-04-15
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APPLICATION NUMBER: 60/081838
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APPLICATION NUMBER: 60/082568
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FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082704
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APPLICATION NUMBER: 60/081071
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FILING DATE: 1998-03-20
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APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REPRENENCE: P5630PLC63
CURRENT APPLICATION NUMBER: U5/999,832A
CURRENT PILING DATE: 2001-00-24
PRIOR APPLICATION NUMBER: 00/918585
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06314
PRIOR APPLICATION NUMBER: 60/06314
PRIOR PLILING DATE: 1997-11-21
PRIOR PLILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06314
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1998-03-10
PRIOR PLILING DATE: 1998-03-10
PRIOR PLILING DATE: 1998-03-11
PRIOR PLILING DATE: 1998-03-11
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                            ALROHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP 540
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                                                                                                                             DDMLHFLNPEELRVIEEIPQAEDKLDRLFEIIGVKSQEASQTLLDSVYSHLPDLL 655
                                                                                                                                                                                                                              Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                            Sequence 64, Application US/09999832A
Publication No. US20020192706A1
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APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
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FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Goddard, Audrey
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Paoni, Nicholas F
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Gerber, Hanspeter
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Kuo, Sophia S.
Napier, Mary A.
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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481
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60/081229

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QY         1 MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVDRA 60           IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTALFPREHHETHE 181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPREHHETHE 181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPREHHETHE 241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH 1	Db   301 QQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRONLHKHFDINEHLPWMIVLFLLL 360     Qy   361 VLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTONREKWIYYCNGHGIDILK 420	OY 541 SPQDKNKGFFVDESEPLLRCDSTSSGSSALSRNGSFITKEKKDTVLRQVRLDPCDLQPIF 600	Sequence 64, Application US/09978189  Publication No. US20030004102A1  GENERAL INFORMATION:  APPLICANT: Baker Kevin P.  APPLICANT: Back Kevin P.  APPLICANT: Backer, David  APPLICANT: Baton, Dan  APPLICANT: Baton, Dan  APPLICANT: Ferrara, Napoleon  APPLICANT: Filvaroff, Ellen  APPLICANT: Forgy Sherman  APPLICANT: Gerber, Hanspeter  APPLICANT: Godowaki, Paul J.  APPLICANT: Godowaki, Paul J.  APPLICANT: Grimaldi, J. Christopher  APPLICANT: Klijavin, Ivar J.  APPLICANT: Klijavin, Ivar J.	APPLICANT: Napier, Mary APPLICANT: Pan, James; APPLICANT: Paoni, Nicho APPLICANT: Roy, Margare
	PRIOR APPLICATION NUMBER: 60/083496 PRIOR FILIG DATE: 1998-04-29 PRIOR FILIG DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR PILICATION NUMBER: 60/08354 PRIOR PILICATION NUMBER: 60/083554 PRIOR FILING DATE: 1998-04-29 PRIOR PILICATION NUMBER: 60/083559	PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-29 PRIOR FILING DATE: 1998-04-30 PRIOR PILICATION NUMBER: 60/08436 PRIOR FILING DATE: 1998-05-05 PRIOR FILING DATE: 1998-05-05 PRIOR FILING DATE: 1998-05-06 PRIOR FILING DATE: 1998-05-06 PRIOR FILING DATE: 1998-05-06 PRIOR PRIOR DATE: 1998-05-06 PRIOR PLING DATE: 1998-05-06 PRIOR PLING DATE: 1998-05-06 PRIOR PLING DATE: 1998-05-06 PRIOR PLING DATE: 1998-05-06 PRIOR APPLICATION NUMBER: 60/084637 PRIOR PILING DATE: 1998-05-06	PRIOR APPLICATION NUMBER: 60/084639 PRIOR FILING DATE: 1998-05-07 PRIOR PLLING DATE: 1998-05-07 PRIOR PLLING DATE: 1998-05-07 PRIOR PILING DATE: 1998-05-07 PRIOR PILING DATE: 1998-05-07 PRIOR PLING DATE: 1998-05-07 PRIOR PLING DATE: 1998-05-07 PRIOR PLING DATE: 1998-05-07 PRIOR PILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/085339 PRIOR APPLICATION NUMBER: 60/085339 PRIOR FILING DATE: 1998-05-13 PRIOR PILING DATE: 1998-05-13 PRIOR PILING DATE: 1998-05-13 PRIOR PILING DATE: 1998-05-13 PRIOR PILING DATE: 1998-05-15 PRIOR PILING DATE: 1998-05-15 PRIOR FILING DATE: 1998-05-15 PRIOR FILING DATE: 1998-05-15 PRIOR PILING DATE: 1998-05-15	Query Match 100.0%; Score 3456; DB 9; Length 655; Best Local Similarity 100.0%; Pred. No. 2.3e-235; Matches 655; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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APPLICANT: Sueed: Limital Anniell Anni
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APPLICATION NUMBER: 60/080334
Shelton, David L. Stewart, Timothy A.
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PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR FILING DATE: 1998-04-08
PRIOR FILING DATE: 1998-04-08
PRIOR FILING DATE: 1998-04-09
PRIOR PRICATION NUMBER: 60/08129
PRIOR PRICATION NUMBER: 60/08195
PRIOR FILING DATE: 1998-04-15
PRIOR PRICATION NUMBER: 60/08195
PRIOR PRICATION NUMBER: 60/08195
PRIOR PRICATION NUMBER: 60/08196
PRIOR FILING DATE: 1998-04-15
PRIOR PRICATION NUMBER: 60/08196
PRIOR FILING DATE: 1998-04-15
PRIOR PRICATION NUMBER: 60/08196
PRIOR PRILICATION NUMBER: 60/08196
PRIOR PRILING DATE: 1998-04-29
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APPLICANT: Goddard, Audren
APPLICANT: Goddard, Audren
APPLICANT: Goddward, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Joictoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood William I.
APPLICANT: Wood William I.
APPLICANT: Thong, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE F.
TILLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1642
CURRENT APPLICATION NUMBER: US/10/174,590
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                                                                                                 Sequence 418, Application US/10174590 Publication No. US20030008352A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 655; Conserv
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US-10-174-590-418
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TYPE: PRT
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ilarity 100.0%; Pred. No. 2.3e-235;
Conservative 0; Mismatches 0;
APPLICATION NUMBER: 60/084598
FILLING DATE: 1998-05-07
APPLICATION NUMBER: 60/084600
APPLICATION NUMBER: 60/084607
                                                          FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643
FILING DATE: 1998-05-07
                                                                                              APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
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APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085700
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
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                                                                                                               ALRQHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP
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APPLICANT: Wood, William I.
APPLICANT: Shang, Zenin I.
APPLICANT: Shang, Zenin I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P44.3011.001. ACIDS ENCODING THE SAME
FILE REFERENCE: D43.01.01.001.01.75,737
CURRENT APPLICATION NUMBER: US/10/175,737
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
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illarity 100.0%; Pred. No. 2.3e-235;
Conservative 0; Mismatches 0;
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Publication No. US20030013153A1
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Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
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Smith, Victoria
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GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
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US-10-175-737-418
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Matches 655;
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                        LPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP
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100.0%; Pred. No. 2.3e-235;
ive 0; Mismatches 0;
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APPLICANT: BACKTINE,
APPLICANT: Chen, Jian
APPLICANT: Chen, Jian
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Matanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Abang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POL:
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R10104
CURRENT FILING DATE: 2002-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Prior Application removed - See File Wrapper or NUMBER OF SEQ ID NOS: 612
SEQ ID NO 418
LENGTH: 655
                                                                                                                                                                              Sequence 418, Application US/10176758
Publication No. US20030008353A1
GENERAL INFORMATION:
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ORGANISM: Homo Sapien
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QY         361 VLVVIVOCSIRKSSRTLKKGPRODPSAIVEKAGLKKSMTPTQNREKWIYYCNGHGIDILK 420           IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	RESULT 11  US-10-173-706-418  Sequence 418, Application US/10173706  Publication No. US2003002229341  Sequence 418, Application US/10173706  Publication No. US2003002229341  APPLICANT: Baker Kevin P.  APPLICANT: Chen,Jian D.  APPLICANT: Goddard, Audrey  APPLICANT: Smith,Victoria  APPLICANT: Smith,Victoria  APPLICANT: Smith,Victoria  APPLICANT: Smith,Victoria  APPLICANT: Shang, Zemin  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  CURRENT APPLICATION NUMBER: US/10/173,706  CURRENT APPLICATION NUMBER: US/10/173,706  CURRENT APPLICATION NUMBER: US/10/173,706  CURRENT APPLICATION POS: 612  SEQ ID NO 418  LENGTH: 655  TYPE: PREPERIOR: PARABLE  LENGTH: 655  TYPE: PREPERIOR: PARABLE  CORGANISM: Homo Sapien  US-10-173-706-418	Query Match         100.0%;         Score 3456;         DB 9;         Length 655;           Best Local Similarity 100.0%;         Pred. No. 2.3e-235;         0;         Gaps 0;           Matches 655;         Conservative 0;         Mismatches 0;         Indels 0;         0;           QY         INCRPSSSTALASCSRIARRATAMINGSLLLGFLSTTTAQPEGRASNLIGTYRHUDRA 60         0         1           Db         INTITIONAL INTITIONAL INTITIONAL INTITIONAL GOOD FOR FIRE 120         0           QY         61 TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSOPCPWPMIEK 120         1           Db         61 TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSOPCPWPMIEK 120         1           CQY         121 LPCAALTDRECTCPPGMEQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180         1           QY         121 LPCAALTDRECTCPPGMEQSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDVP 180         1           QY         181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHE 240         1           QY         181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHE 240         1           QY         181 SSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHE 240         1           QY         241 VPSSTYVPKGMNSTESNSSASVRPKVLSSIQGGTVPDNTSSARGKEDVNKTLPNLQVVNH 300         1           LILIHILIHIHIHIHIHIHIHIHIHIHIHIHIHIHIHIH

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APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Goddwaki, Paul J.
APPLICANT: Godwwki, Paul J.
APPLICANT: Pan, James
APPLICANT: Pan, James
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCI
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE OF INVENTION NUMBER: US/10/176, 482
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Llarity 100.0%; Pred. No. 2.3e-235;
Conservative 0; Mismatches 0;
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Publication No. US20030022296A1
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US-10-176-482-418
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APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Godowski, Paul J.
APPLICANT: Godowski, Paul J.
APPLICANT: Godowski, Paul J.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Watanabe, Colin K.
APPLICANT: Angol, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCL.
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: PAJ 30 RIGOR
CURRENT FILING DATE: 2002-06-19
PRIOT APPLICATION NUMBER: US/10/175,752
CURRENT APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
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US-10-175-752-418
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US-10-175-752-418
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IEK 120      IEK 120	DVP 180     DVP 180	THE 240      THE 240	VNH 300      VNH 300	LLL 360	TLK 420      TLK 420	LIS 480      LIS 480	VEP 540      VEP 540	PIF 600       PIF 600	655 655	. •				BIC				ps 0;	
TGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEK	TETEDVRCKQCARGTFSDVP 	SSVAKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHE	VPSSTYVPRGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNH 	HKHFDINEHLPWMIVLFLLL 	VLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKMIXYCNGHGIDILK 	LVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWIRGPEASLAQLIS 	ALROHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP 	SPQDKNKGFFVDESEPLIRCDSTSSGSSALSRNGSFITKEKKDTVLRQVRLDPCDLQPIF 						PEPTIDES AND NUCLEIC		E		Length 655; Indels 0; Gap	
ILRVCSSCPVGTFTRHEI 	APHTVCPVGWGVRKKG:	KETDNVCGTLPSFSSSI 	KVLSSIQEGTVPDNTS:	STPIKGPKRGHPRQNLA 	PSAIVEKAGLKKSMTP:	WAAFSNGYTADHERAY! 	.ETDKLALPMSPSPLSP! 	SGSSALSRNGSFITKE	LDRLFEIIGVKSQEAS( 	57				ANSMEMBRANE POLYI	í	See File Wrapper or Palm		Score 3456; DB 9; Pred. No. 2.3e-235; Mismatches 0;	:
CDKCPAGTYVSEHCTNT: 	LPCAALTDRECTCPPGMEGSNATCAPHTVCPVGWGVRKKGTETEDVRCKQCARG	KAYTDCLSQNLVVIKPG1 	VPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPN 	QQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQNLHKHFDINEHLPWMI 	VCSIRKSSRTLKKGPRQI                                  VCSIRKSSRTLKKGPRQI	GSQWKDIYQFLCNASERI 	RNDVVEKIRGLMEDTTQI 	KGFFVDESEPLLRCDST: 	DDMLHFLNPEELRVIEEIPQAEDKLDRLFEIIGVKSQEASQTLLDSVYSHLPDLL 	ation US/101767 030022297A1	N: Kevin P. Jian	Desnoyers, Luc Goddard, Audrey Godowski, Paul J.	Pan, James Pan, James Smith, Victoria Watanabe, Colin K.	ANT: Shady.Zemin 1. OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES OF INVENTION: ACIDS ENCODING THE SAME	: P3430R1C86 ATION NUMBER: US/10/176,757 DATE: 2002-06-20	1	Sapien	100.0%; Sc 100.0%; Pr vative 0;	
61 TGQVLT        61 TGQVLT	121 LPCAAL:               121 LPCAAL?	181 SSVMKCI          181 SSVMKCI	241 VPSSTY1        241 VPSSTY1	301 QQGPHHI         301 QQGPHHI	361 VLVVIV        361 VLVVIV	421 LVAAQVO         421 LVAAQVO	481 ALROHRI         481 ALROHRI	541 SPQDKNI               541 SPQDKNI	601 DDMLHF1        601 DDMLHF1	15 176-757-418 ence 418, Appl: ication No. US	Ď,	APPLICANT: Desnoy APPLICANT: Goddar APPLICANT: Godow		APPLICANT: Zhang TITLE OF INVENTION	FILE REFERENCE: P3430R1C86 CURRENT APPLICATION NUMBER: U. CURRENT FILING DATE: 2002-06	FIGURE APPLICATION FEMOVED NUMBER OF SEQ ID NOS: 612 LENGTH: 655	TYPE: PRT ORGANISM: Homo Si -10-176-757-418	tch al Simi 655;	
λο da	oy Op	O D	Qy	Oy QD	Q	δο Op	oy Op	oy ob	Qy	RESULT 1 US-10-17 ; Sequen ; Public	GENE ; APP ; APP	APF	APF ; APF ; APP	APPLIC ; TITLE ; TITLE	FII CUR	SEQ :	; TY ; OR US-10-	Query Ma Best Loc Matches	

